

What is claimed is:

1. An apparatus for removing at least a portion of the transmission fluid contained in a vehicle, the vehicle having a transmission mechanism with a transmission fluid circulating system with an associated transmission fluid reservoir, transmission fluid filter and transmission fluid cooler, the apparatus comprising:

means disposed in the transmission fluid recirculating system for introducing pressurized gas to the system for facilitating the removal of transmission fluid from the transmission fluid reservoir and transmission fluid cooler; and a waste fluid receptacle for receiving waste transmission fluid.

2. The apparatus of claim 1 further comprising means for conveying waste transmission fluid evacuated from the vehicle to the waste fluid receptacle.

3. The apparatus of claim 2 further comprising:
at least one fresh transmission oil supply reservoir; and
a conduit in fluid communication with the fresh transmission oil supply reservoir, said conduit releasably engageable in fluid communication with the transmission fluid recirculating system.

4. The apparatus of claim 1, wherein the means for introducing pressurized gas to the transmission fluid recirculating system includes a valve disposed in the transmission fluid recirculating system having one end releasably and selectively connectible to one of a source of pressurized gas and a source of fresh transmission fluid.

5. The apparatus of claim 5, wherein the valve is positioned upstream from the transmission fluid cooler.

6. The apparatus of claim 4, wherein the one end of the valve has a quick connect nipple having a throughbore defining a fluid passageway through the drain opening and wherein the nipple has a means for closing the fluid passageway.

7. The apparatus of claim 4, wherein the valve restricts flow of the pressurized gas and the fresh transmission fluid in only one direction in the transmission fluid circulating system.

8. The apparatus of claim 2, further comprising a quick connect valve in a lower portion of the fluid reservoir for releasible connection to a conduit in fluid communication with the waste fluid receptacle.

9. The apparatus of claim 8, further comprising a venturi valve in the conduit in fluid communication with the waste fluid receptacle.

10. The apparatus of claim 1, wherein the apparatus is transportable on a mobile unit.

11. A method for removing at least a portion of transmission fluid contained in a vehicle, the vehicle having a transmission mechanism with a transmission fluid circulating system with an associated transmission fluid reservoir, transmission fluid filter and transmission fluid cooler, the method comprising the steps of

introducing pressurized gas to the system for facilitating the removal of spent transmission fluid from the transmission fluid reservoir and the transmission fluid cooler, and

providing a waste fluid receptacle for receiving the waste transmission fluid.

12. The method of claim 11, further comprising the step of introducing pressurized gas into the transmission fluid circulating system upstream from the transmission fluid cooler.

13. The method of claim 12, further comprising the step of introducing fresh transmission oil into the transmission fluid circulating system upstream from the transmission fluid cooler.

14. The method of claim 11 further comprising the step of providing a venturi in a conduit communicating with the waste fluid receptacle for facilitating the removal of spent transmission fluid from the transmission fluid reservoir.

15. The method of claim 13, further comprising the step of providing a fresh transmission oil receptacle.

16. The method of claim 13, further comprising the step of restricting the flow of pressurized gas and fresh transmission oil to only one direction in the transmission fluid circulating system.